Computer Methods in Applied Mechanics and Engineering 95 (1992) 441–442
North-Holland

Author index of Volume 95*

Avraam, T., see Kounadis, A.N. (3) 317–330

Batra, R.L. and V.R. Sudarsan, Laminar flow heat transfer in the entrance region of concentric annuli for power law fluids (1) 1– 16
Baumann, C.E., M.A. Storti and S.R. Idelsohn, A Petrov–Galerkin technique for the solution of transonic and supersonic flows (1) 49– 70
Belytschko, T. and Y.Y. Lu, Stability analysis of elemental explicit-implicit partitions by Fourier methods (1) 87– 96
Belytschko, T. and Y.Y. Lu, A curvilinear spectral overlay method for high gradient problems (3) 383–396

Camberos, J., see Löhner, R. (3) 343–357
Chan, S.L., Large deflection kinematic formulations for three-dimensional framed structures (1) 17– 36
Choe, K.Y. and K.A. Holsapple, The discontinuous finite element method with the Taylor–Galerkin approach for nonlinear hyperbolic conservation laws (2) 141–167
Chung, D.-T., see Nemat-Nasser, S. (2) 205–219
Cronin, K.D., see Lyell, M.J. (1) 71– 86

Donea, J. and L. Quartapelle, An introduction to finite element methods for transient advection problems (2) 169–203

Fox, D.D., see Simo, J.C. (2) 277–288
Franca, L.P., S.L. Frey and T.J.R. Hughes, Stabilized finite element methods: I. Application to the advective-diffusive model (2) 253–276
Frey, S.L., see Franca, L.P. (2) 253–276

Givoli, D., A spatially exact non-reflecting boundary condition for time dependent problems (1) 97–113

Harris, P.J., A boundary element method for the Helmholtz equation using finite part integration (3) 331–342
Holsapple, K.A., see Choe, K.Y. (2) 141–167
Hughes, T.J.R., see Franca, L.P. (2) 253–276
Hughes, T.J.R., see Nomura, T. (1) 115–138
Hughes, T.J.R., see Simo, J.C. (2) 277–288
Huot, J.-P., see Molina, R.-C. (1) 37– 48

Idelsohn, S.R., see Baumann, C.E. (1) 49– 70

Kounadis, A.N., T. Avraam and J. Mallis, On the reliability of classical divergence instability analyses of Ziegler's nonconservative model (3) 317–330

* The issue number is given in front of the page numbers.

Löhner, R., J. Camberos and M. Merriam, Parallel unstructured grid generation (3) 343–357
Loula, A.F.D., see Murad, M.A. (3) 359–382
Lu, Y.Y., see Belytschko, T. (1) 87– 96
Lu, Y.Y., see Belytschko, T. (3) 383–396
Lyell, M.J. and K.D. Cronin, Extinction properties of a premixed laminar flame in oblique stagnation flow in the region of the stagnation point (1) 71– 86

Mallis J., see Kounadis, A.N. (3) 317–330
Merriam, M., see Löhner, R. (3) 343–357
Mittal, S., see Tezduyar, T.E. (2) 221–242
Molina, R.-C. and J.-P. Huot, A one-point integration finite element solver for the fast solution of the compressible Euler equations (1) 37– 48
Murad, M.A. and A.F.D. Loula, Improved accuracy in finite element analysis of Biot's consolidation problem (3) 359–382

Nemat-Nasser, S. and D.-T. Chung, An explicit constitutive algorithm for large-strain, large-strain-rate, elastic-viscoplasticity (2) 205–219
Nomura, T. and T.J.R. Hughes, An arbitrary Lagrangian–Eulerian finite element method for interaction of fluid and a rigid body (1) 115–138

Oden, J.T., see Tworzydlo, W.W. (3) 397–440

Quartapelle, L., see Donea, J. (2) 169–203

Ray, S.E., see Tezduyar, T.E. (2) 221–242

Shih, R., see Tezduyar, T.E. (2) 221–242
Simo, J.C., D.D. Fox and T.J.R. Hughes, Formulations of finite elasticity with independent rotations (2) 277–288
Smolinski, P., Stability analysis of a multi-time step explicit integration method (3) 291–300
Storti, M.A., see Baumann, C.E. (1) 49– 70
Sudarsan, V.R., see Batra, R.L. (1) 1– 16

Tamaddon-Jahromi, H.R., P. Townsend and M.F. Webster, Numerical solution of unsteady viscous flows (3) 301–315
Tezduyar, T.E., S. Mittal, S.E. Ray and R. Shih, Incompressible flow computations with stabilized bilinear and linear equal-order-interpolation velocity-pressure elements (2) 221–242
Thornton, E.A., see Tworzydlo, W.W. (3) 397–440
Townsend, P., see Tamaddon-Jahromi, H.R. (3) 301–315
Tworzydlo, W.W., J.T. Oden and E.A. Thornton, Adaptive implicit/explicit finite element method for compressible viscous flow (3) 397–440

Webster, M.F., see Tamaddon-Jahromi, H.R. (3) 301–315

Zhang, Z., A note on the hybrid-mixed C^0 curved beam elements (2) 243–252

Computer Methods in Applied Mechanics and Engineering 95 (1992) 443–447
North-Holland

Subject index of Volume 95*

Boundary element methods

A spatially exact non-reflecting boundary condition for time dependent problems, D. Givoli (1) 97–113
A boundary element method for the Helmholtz equation using finite part integration, P.J. Harris (3) 331–342

Collocation method

A boundary element method for the Helmholtz equation using finite part integration, P.J. Harris (3) 331–342

Dynamics

A spatially exact non-reflecting boundary condition for time dependent problems, D. Givoli (1) 97–113
Stability analysis of a multi-time step explicit integration method, P. Smolinski (3) 291–300
On the reliability of classical divergence instability analyses of Ziegler's nonconservative model, A.N. Kounadis, T. Avraam and J. Mallis (3) 317–330

Elasticity

Formulations of finite elasticity with independent rotations, J.C. Simo, D.D. Fox and T.J.R. Hughes (2) 277–288

Finite element and matrix methods

Laminar flow heat transfer in the entrance region of concentric annuli for power law fluids, R.L. Batra and V.R. Sudarsan (1) 1– 16
A one-point integration finite element solver for the fast solution of the compressible Euler equations, R.-C. Molina and J.-P. Huot (1) 37– 48
A Petrov–Galerkin technique for the solution of transonic and supersonic flows, C.E. Baumann, M.A. Storti and S.R. Idelsohn (1) 49– 70
Extinction properties of a premixed laminar flame in oblique stagnation flow in the region of the stagnation point, M.J. Lyell and K.D. Cronin (1) 71– 86
A spatially exact non-reflecting boundary condition for time dependent problems, D. Givoli (1) 97–113

* The issue number is given in front of the page numbers.

An arbitrary Lagrangian–Eulerian finite element method for interaction of fluid and a rigid body, T. Nomura and T.J.R. Hughes (1) 115–138
The discontinuous finite element method with the Taylor–Galerkin approach for nonlinear hyperbolic conservation laws, K.Y. Choe and K.A. Holsapple (2) 141–167
An introduction to finite element methods for transient advection problems, J. Donea and L. Quartapelle (2) 169–203
Incompressible flow computations with stabilized bilinear and linear equal-order-interpolation velocity-pressure elements, T.E. Tezduyar, S. Mittal, S.E. Ray and R. Shih (2) 221–242
A note on the hybrid-mixed C^0 curved beam elements, Z. Zhang (2) 243–252
Stabilized finite element methods: I. Application to the advective-diffusive model, L.P. Franca, S.L. Frey and T.J.R. Hughes (2) 253–276
Formulations of finite elasticity with independent rotations, J.C. Simo, D.D. Fox and T.J.R. Hughes (2) 277–288
Numerical solution of unsteady viscous flows, H.R. Tamaddon-Jahromi, P. Townsend and M.F. Webster (3) 301–315
Parallel unstructured grid generation, R. Löhner, J. Camberos and M. Merriam (3) 343–357
Improved accuracy in finite element analysis of Biot's consolidation problem, M.A. Murad and A.F.D. Loula (3) 359–382
A curvilinear spectral overlay method for high gradient problems, T. Belytschko and Y.Y. Lu (3) 383–396

Fluid mechanics

Laminar flow heat transfer in the entrance region of concentric annuli for power law fluids, R.L. Batra and V.R. Sudarsan (1) 1– 16
A one-point integration finite element solver for the fast solution of the compressible Euler equations, R.-C. Molina and J.-P. Huot (1) 37– 48
A Petrov–Galerkin technique for the solution of transonic and supersonic flows, C.E. Baumann, M.A. Storti and S.R. Idelsohn (1) 49– 70
Extinction properties of a premixed laminar flame in oblique stagnation flow in the region of the stagnation point, M.J. Lyell and K.D. Cronin (1) 71– 86
An arbitrary Lagrangian–Eulerian finite element method for interaction of fluid and a rigid body, T. Nomura and T.J.R. Hughes (1) 115–138
The discontinuous finite element method with the Taylor–Galerkin approach for nonlinear hyperbolic conservation laws, K.Y. Choe and K.A. Holsapple (2) 141–167
An introduction to finite element methods for transient advection problems, J. Donea and L. Quartapelle (2) 169–203
Incompressible flow computations with stabilized bilinear and linear equal-order-interpolation velocity-pressure elements, T.E. Tezduyar, S. Mittal, S.E. Ray and R. Shih (2) 221–242
Stabilized finite element methods: I. Application to the advective-diffusive model, L.P. Franca, S.L. Frey and T.J.R. Hughes (2) 253–276
Adaptive implicit/explicit finite element method for compressible viscous flow, W.W. Tworzydlo, J.T. Oden and E.A. Thornton (3) 397–440

Gas dynamics

Extinction properties of a premixed laminar flame in oblique stagnation flow in the region of the stagnation point, M.J. Lyell and K.D. Cronin (1) 71– 86

General Rayleigh–Ritz and Galerkin techniques

Numerical solution of unsteady viscous flows, H.R. Tamaddon-Jahromi, P. Townsend and M.F. Webster (3) 301–315

Incompressible and near incompressible media

Numerical solution of unsteady viscous flows, H.R. Tamaddon-Jahromi, P. Townsend and M.F. Webster (3) 301–315

Nonconservative loads

On the reliability of classical divergence instability analyses of Ziegler's nonconservative model, A.N. Kounadis, T. Avraam and J. Mallis (3) 317–330

Nonlinear mechanics

Large deflection kinematic formulations for three-dimensional framed structures, S.L. Chan (1) 17– 36
An explicit constitutive algorithm for large-strain, large-strain-rate, elastic-viscoplasticity, S. Nemat-Nasser and D.-T. Chung (2) 205–219
Formulations of finite elasticity with independent rotations, J.C. Simo, D.D. Fox and T.J.R. Hughes (2) 277–288
On the reliability of classical divergence instability analyses of Ziegler's nonconservative model, A.N. Kounadis, T. Avraam and J. Mallis (3) 317–330
A curvilinear spectral overlay method for high gradient problems, T. Belytschko and Y.Y. Lu (3) 383–396

Numerical solution procedures

A one-point integration finite element solver for the fast solution of the compressible Euler equations, R.-C. Molina and J.-P. Huot (1) 37– 48
Stability analysis of elemental explicit-implicit partitions by Fourier methods, T. Belytschko and Y.Y. Lu (1) 87– 96
An arbitrary Lagrangian–Eulerian finite element method for interaction of fluid and a rigid body, T. Nomura and T.J.R. Hughes (1) 115–138
An explicit constitutive algorithm for large-strain, large-strain-rate, elastic-viscoplasticity, S. Nemat-Nasser and D.-T. Chung (2) 205–219
Stability analysis of a multi-time step explicit integration method, P. Smolinski (3) 291–300
Numerical solution of unsteady viscous flows, H.R. Tamaddon-Jahromi, P. Townsend and M.F. Webster (3) 301–315

A boundary element method for the Helmholtz equation using finite part integration, P.J. Harris (3) 331–342
Parallel unstructured grid generation, R. Löhner, J. Camberos and M. Merriam (3) 343–357
Improved accuracy in finite element analysis of Biot's consolidation problem, M.A. Murad and A.F.D. Loula (3) 359–382
A curvilinear spectral overlay method for high gradient problems, T. Belytschko and Y.Y. Lu (3) 383–396

Solution of differential equations

Numerical solution of unsteady viscous flows, H.R. Tamaddon-Jahromi, P. Townsend and M.F. Webster (3) 301–315

Solution of ordinary and partial differential equations

Stability analysis of elemental explicit-implicit partitions by Fourier methods, T. Belytschko and Y.Y. Lu (1) 87– 96
An introduction to finite element methods for transient advection problems, J. Donea and L. Quartapelle (2) 169–203

Stability in fluid mechanics

Numerical solution of unsteady viscous flows, H.R. Tamaddon-Jahromi, P. Townsend and M.F. Webster (3) 301–315

Stability in structural mechanics

On the reliability of classical divergence instability analyses of Ziegler's nonconservative model, A.N. Kounadis, T. Avraam and J. Mallis (3) 317–330

Structural mechanics

Large deflection kinematic formulations for three-dimensional framed structures, S.L. Chan (1) 17– 36
A note on the hybrid-mixed C^0 curved beam elements, Z. Zhang (2) 243–252
A curvilinear spectral overlay method for high gradient problems, T. Belytschko and Y.Y. Lu (3) 383–396

Subsonic flow

Adaptive implicit/explicit finite element method for compressible viscous flow, W.W. Tworzydlo, J.T. Oden and E.A. Thornton (3) 397–440

Supersonic flow

A Petrov–Galerkin technique for the solution of transonic and supersonic flows, C.E. Baumann, M.A. Storti and S.R. Idelsohn (1) 49– 70

Systems of linear and nonlinear simultaneous equations

Large deflection kinematic formulations for three-dimensional framed structures, S.L. Chan (1) 17– 36
Numerical solution of unsteady viscous flows, H.R. Tamaddon-Jahromi, P. Townsend and M.F. Webster (3) 301–315

Transonic flow

A Petrov–Galerkin technique for the solution of transonic and supersonic flows, C.E. Baumann, M.A. Storti and S.R. Idelsohn (1) 49– 70
Adaptive implicit/explicit finite element method for compressible viscous flow, W.W. Tworzydlo, J.T. Oden and E.A. Thornton (3) 397–440

Transport phenomena

A Petrov–Galerkin technique for the solution of transonic and supersonic flows, C.E. Baumann, M.A. Storti and S.R. Idelsohn (1) 49– 70
The discontinuous finite element method with the Taylor–Galerkin approach for nonlinear hyperbolic conservation laws, K.Y. Choe and K.A. Holsapple (2) 141–167
An introduction to finite element methods for transient advection problems, J. Donea and L. Quartapelle (2) 169–203
Stabilized finite element methods: I. Application to the advective-diffusive model, L.P. Franca, S.L. Frey and T.J.R. Hughes (2) 253–276

Viscoelastic and viscoplastic media

Laminar flow heat transfer in the entrance region of concentric annuli for power law fluids, R.L. Batra and V.R. Sudarsan (1) 1– 16
An explicit constitutive algorithm for large-strain, large-strain-rate, elastic-viscoplasticity, S. Nemat-Nasser and D.-T. Chung (2) 205–219

Viscous flow

Numerical solution of unsteady viscous flows, H.R. Tamaddon-Jahromi, P. Townsend and M.F. Webster (3) 301–315